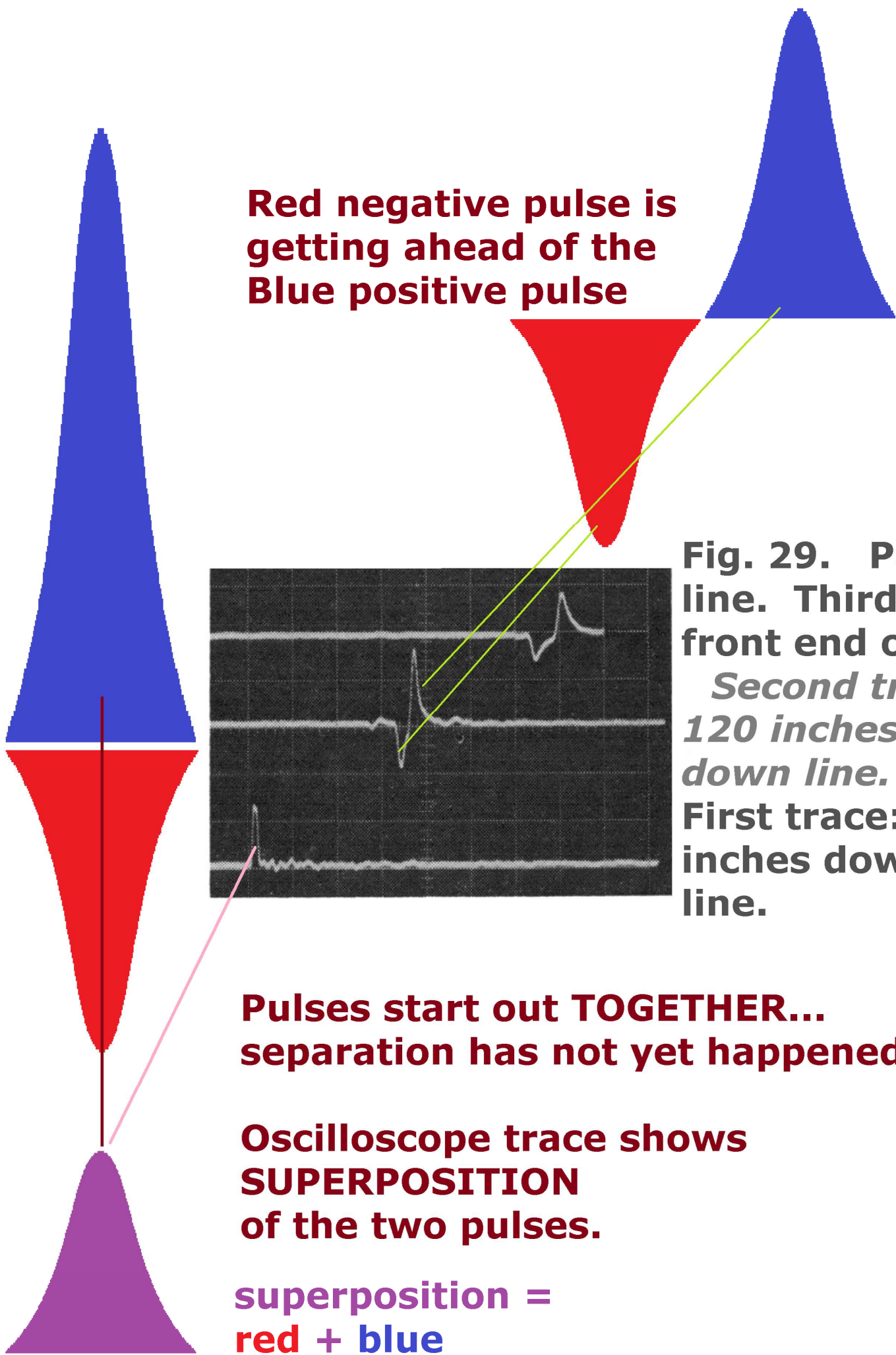


**Red negative pulse is getting ahead of the Blue positive pulse**



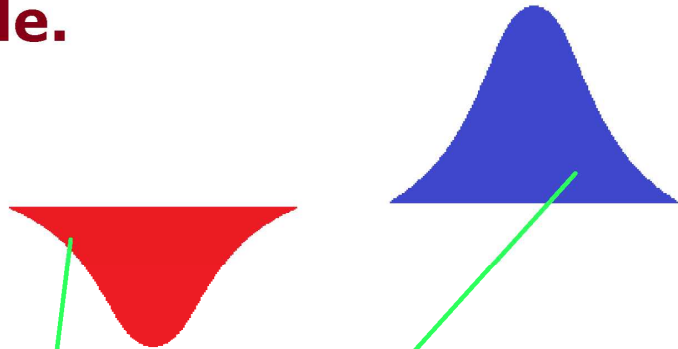
**Fig. 29. Passive line. Third trace: front end of line. *Second trace: 120 inches down line. First trace: 234 inches down line.***

**Pulses start out TOGETHER... separation has not yet happened.**

**Oscilloscope trace shows SUPERPOSITION of the two pulses.**

**superposition = red + blue**

**Both pulses reduced in height,  
negative is getting ahead of positive,  
"Usain Bolt" style.**



**Fig. 29. Passive line. Third trace: front end of line. *Second trace: 120 inches down line. First trace: 234 inches down line.***

**This middle trace has a HIGHER positive peak than the 3rd trace,**

**suggestive that**

**3rd trace is indeed a superposition of positive and negative pulses.**